Available online at www.sciencedirect.com
ScienceDirect
Forest Ecology and Management 247 (2007) v–vi
Forest Ecology and Management
www.elsevier.com/locate/foreco

Contents

Regular articles

Evaluating wildland fire danger and prioritizing vegetation and fuels treatments
P.F. Hessburg (Wenatchee, WA, USA), K.M. Reynolds (Corvallis, OR, USA), R.E. Keane (Missoula, MT, USA), K.M. James and R.B. Salter (Wenatchee, WA, USA) 1
Elevation and exposition rather than soil types determine communities and site suitability in Mediterranean mountain forests of southern Anatolia, Turkey
M. Fontaine, R. Aerts (Leuven, Belgium), K. Özkan, A. Mert, S. Gülsoy, H. Süel (Isparta, Turkey), M. Waelkens and B. Muys (Leuven, Belgium) 18
Comparison of basal area and stem frequency diameter distribution modelling using airborne laser scanner data and calibration estimation
M. Maltamo, A. Suvanto and P. Packalén (Joensuu, Finland) 26
Comparison of community structure and soil characteristics in different aged *Pinus sylvestris* plantations and a natural pine forest
J.A. Marcos, E. Marcos, A. Taboada and R. Tárrega (León, Spain) 35
Influence of forest management on epiphytic lichens in a temperate beech forest of northern Italy
J. Nascimbene (Trieste, Italy), L. Marini (Padova, Italy) and P.L. Nimis (Trieste, Italy) 43
Colonial logging and recent subsistence harvesting affect the composition and physiognomy of a podocarp dominated Afrotemperate forest
M.J. Lawes, M.E. Griffiths and S. Boudreau (Scottsville, South Africa) 48
Conifer introductions decrease richness and alter composition of litter-dwelling beetles (Coleoptera) in Carpathian oak forests
M. Wiezik, M. Svitok (Zvolen, Slovakia) and M. Dovčiak (Zvolen, Slovakia and Seattle, WA, USA) 61
Relative impact of stand structure, tree composition and climate on mountain bird communities
F. Archaux and N. Bakkaus (Nogent sur Vernisson, France) 72
Regional scale variation in forest structure and biomass in the Yucatan Peninsula, Mexico: Effects of forest disturbance
T. Urquiza-Haas, P.M. Dolman and C.A. Peres (Norwich, UK) 80
Litter fall and decomposition in primary, secondary and plantation forests in the Brazilian Amazon
J. Barlow (Pará, Brazil and Norwich, UK), T.A. Gardner (Norwich, UK), L.V. Ferreira (Pará, Brazil) and C.A. Peres (Norwich, UK) 91
Genetic diversity and differentiation in European beech (*Fagus sylvatica* L.) stands varying in management history
J. Buiteveld (Wageningen, The Netherlands), G.G. Vendramin (Firenze, Italy), S. Leonardi (Parma, Italy), K. Kamer (Wageningen, The Netherlands) and T. Geburek (Vienna, Austria) 98
Geographic variation and parameter assessment in generalized algebraic difference site index modelling
A. Bravo-Oviedo, M. del Río and G. Montero (Madrid, Spain) 107
When Oskar meets Alice: Does a lack of trade-off in *r/K*-strategies make *Prunus serotina* a successful invader of European forests?
D. Closset-Kopp, O. Chabrerie (Amiens, France), B. Valentin, H. Delachapelle (Bailleul, France) and G. Decocq (Amiens, France) 120
Soil strength response of select soil disturbance classes on a wet pine flat in South Carolina
E.A. Carter (Auburn, AL, USA), W.M. Aust and J.A. Burger (Blacksburg, VA, USA) 131
Influence of calcium fertilization on Douglas-fir foliar nutrition, soil nutrient availability, and sinuosity in coastal Washington
K.M. Littke and D. Zabowski (Seattle, WA, USA) 140
Comparative evaluation of five height–diameter models developed for black spruce and jack pine stand-types in terms of goodness-of-fit, lack-of-fit and predictive ability
P.F. Newton (Ontario, Canada) and I.G. Amponsah (Alberta, Canada) 149
Effect of distance and density on seed/seedling fate of two dipterocarp species
Y. Takeuchi (Otsu, Japan and Kyoto, Japan) and T. Nakashizuka (Kyoto, Japan and Sendai, Japan) 167
Competitive interactions between aspen and white spruce vary with stand age in boreal mixedwoods
C.N. Filipescu and P.G. Comeau (Alberta, Canada) 175
Calibration of LAI-2000 to estimate leaf area index (LAI) and assessment of its relationship with stand productivity in six native and introduced tree species in Costa Rica
D. Arias, J. Calvo-Alvarado (Cartago, Costa Rica) and A. Dohrenbusch (Göttingen, Germany) 185
Downed woody fuel loading dynamics of a large-scale blowdown in northern Minnesota, U.S.A.
C.W. Woodall (St. Paul, MN, USA) and L.M. Nagel (Houghton, MI, USA) 194
Probability of tree survival after wildfire in an interior pine forest of northern California: Effects of thinning and prescribed fire
M.W. Ritchie, C.N. Skinner and T.A. Hamilton (Redding, CA, USA) 200
Tree and stand transpiration in a Midwestern bur oak savanna after elm encroachment and restoration thinning
H. Asbjornsen, M.D. Tomer, M. Gomez-Cardenas, L.A. Brudvig, C.M. Greenan (Ames, IA, USA) and K. Schilling (Iowa City, IA, USA) 209
Roost selection by male and female northern long-eared bats in a pine-dominated landscape
R.W. Perry (Hot Springs, AR, USA) and R.E. Thill (Nacogdoches, TX, USA) 220
Site and stand variables influencing red oak borer, *Enaphalodes rufulus* (Coleoptera: Cerambycidae), population densities and tree mortality
M.K. Fierke, M.B. Kelley and F.M. Stephen (Fayetteville, AR, USA) 227

Use of confidence intervals to demonstrate performance against forest management standards
T. Walshe, B. Wintle, F. Fidler and M. Burgman (Melbourne, Australia) 237
Composition and diversity of woody regeneration in a 37-year-old teak (*Tectona grandis* L.) plantation in Northern Thailand
N. Koonkhunthod (Matsuyama, Japan), K. Sakurai and S. Tanaka (Kochi, Japan) 246